

Application No. 10/709,789
Amendment dated October 16, 2007
Reply to Office Action of July 16, 2007

Docket No.: 5413-0181PUS1

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AMENDMENTS TO THE SPECIFICATION

Please replace paragraph [0017] with the following amended paragraph:

Similarly, the timer `Timer_Status_Periodic` expires at t_0+300 . Again, the receiver is triggered to output a status report with exactly the same content as before. Therefore, the sender receives the status report and determines that it includes an erroneous sequence number at t_0+300 . When the RESET PDU is scheduled to be transferred at t_0+300 , the state variable `VT(RST)` is increased by 1, and stores 4 at t_0+300 . At this time, the state variable `VT(RST)` stores a value equaling the protocol parameter `MaxRST`. Therefore, the sender indicates an unrecoverable error to the upper layers at t_0+300 , and the radio bearer is accordingly released. Please note that the sender originally permits the receiver to respond the RESET ACK PDU within $3*700\text{ms}$. If the receiver can respond the RESET ACK PDU before $t_0+3*700\text{ms}$, the sender will be able to restart data transmission between the sender and the receiver. However, the timer `Timer_Status_Periodic` triggers the receiver to respond the unexpected status reports, and an unrecoverable error is indicated to the upper layers earlier than the expected $t_0+3*700$ at the sender. It is possible that the receiver responds the RESET ACK PDU after t_0+300 . However, an unrecoverable error has been reported to upper layers prematurely to release the radio bearer according to the prior art reset procedure. That is, the operation of the timer `Timer_Status_Periodic` impedes the correct functionality of the defined protocol parameter `MaxRST`.